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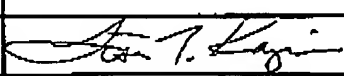
T-042 P.001/003 F-387

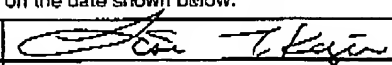
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<b>TRANSMITTAL FORM</b>		Application Number	10/829,015
		Filing Date	04/20/2004
		First Named Inventor	Mark Chee
		Art Unit	1634
		Examiner Name	Steven C. Pohnert
(to be used for all correspondence after initial filing)		Attorney Docket Number	3047.2
Total Number of Pages in This Submission	3		

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): • Response to Restriction Requirement (2 pages)
<div style="border: 1px solid black; padding: 5px;"> <b>Remarks</b>    </div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm	Affymetrix, Inc.		
Signature			
Printed Name	Lisa T. Kajisa		
Date	10/4/06	Reg. No.	57,516

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Signature			
Typed or printed name	Lisa T. Kajisa	Date	10/4/06

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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T-042 P.002/003 F-387

Application No.: 10/829,015

OCT 04 2006

Attorney Docket No. 3047.2/US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Mark Chee

Examiner: Steven C. Pohnert

Serial No: 10/829,015

Group Art Unit: 1634

Filing Date: April 20, 2004

**Title: Iterative Resequencing**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO RESTRICTION REQUIREMENT**

Sir:

In response to the September 7, 2006 Restriction Requirement, the Examiner is requiring an election between the following group of claims:

Group I: Claims 16-25, drawn to methods of analyzing target DNA by species comparison, classified in class 435, subclass 6.

Group II: Claims 26-29, drawn to methods of identifying functionally important elements, classified in class 435, subclass 6.

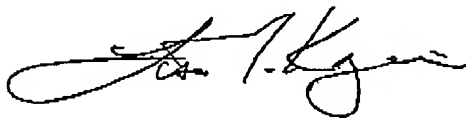
**Applicants hereby elect without traverse of the invention of Group I: claims 16-25.**  
Applicants reserve the right to re-present non-elected claims in a divisional, or other related application.

If the Examiner has any questions pertaining to this application or feels that a telephone conference would in any way expedite the prosecution of the application, please do not hesitate to call the undersigned at (408) 731-5000. Applicants respectfully request that a timely Notice of Allowance be issued in this case.

Application No.: 10/829,015

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account 01-0431.

Respectfully submitted,



Date: October 4, 2006

Customer No.: 22886

Lisa T. Kajisa Reg. No.: 57,516